

Title (en)

Method and device for the injection of liquid samples in a gas chromatograph

Title (de)

Verfahren und Vorrichtung zur Injektion von flüssigen Proben in einen Gaschromatographen

Title (fr)

Procédé et dispositif pour l'injection des échantillons liquides dans un chromatographe en phase gazeuse

Publication

EP 0806661 B1 20040929 (EN)

Application

EP 96120336 A 19961218

Priority

IT MI960916 A 19960508

Abstract (en)

[origin: EP0806661A1] The invention relates to a method and a device to control the physical conditions of the solvent within a pre-column, in a gas chromatography analysis apparatus. To achieve desired and controlled conditions of recondensation in the said pre-column with vaporization injectors or of vaporization with "on-column" injectors, the dew-point of the solvent in the pre-column is calculated and the factors which influence this dew-point are varied and/or the temperature of the pre-column is varied, in order to set such temperatures in a desired correlation. <IMAGE>

IPC 1-7

G01N 30/12

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0959351A3; RU2626021C1; GB2368031A; GB2368031B; US6389879B1; US11247204B2; WO2019084039A1; WO03060508A3; US6955709B2; US6497138B1; US11067548B2; US11946912B2; US11162925B2; WO9901759A3

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